

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for maintaining a desired shape of corneal tissues following an orthokeratological procedure, comprising ~~the step of~~:
 - a. administering to a patient a stabilizing agent from a collagen composition chosen from fibril-associated collagens with interrupted triple helices ("FACIT"), and small leucine-rich repeat proteoglycans ("SLRP") comprising type VI collagen or decorin, whereby the stabilizing agent stabilizes the corneal tissues to maintain the desired shape.
2. (Currently Amended) The method of claim 1 wherein the stabilizing agent is applied to the corneal tissues of a ~~the~~ patient.
3. (Original) The method of claim 1, wherein the stabilizing agent interacts with collagen fibrils to form bridges connecting the collagen fibrils.
4. (Currently Amended) The method of claim 3, wherein the stabilizing agent controls a fibril diameter ~~of the cornea~~.
5. (Original) The method of claim 3, wherein the bridges are sufficiently flexible to allow fibril movement within a predetermined range.
- 6-7 (Canceled)
8. (Currently Amended) The method of claim 1, wherein ~~the concentration of the~~ stabilizing agent has a concentration is within a range from about 40 $\mu\text{g}/\text{mL}$ to about 100 $\mu\text{g}/\text{mL}$.
9. (Currently Amended) A method for maintaining a desired shape of corneal tissue following an orthokeratological procedure, comprising ~~the step of~~:

a. administering to a patient a stabilizing agent ~~from a protein derived comprising~~
transglutaminase, whereby the stabilizing agent stabilizes the corneal tissue to
maintain the desired shape.

10. (Original) The method of claim 9, wherein the stabilizing agent is applied to
the corneal tissue of the patient.

11-29 (Canceled)